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Figure 1 (Prior Art)

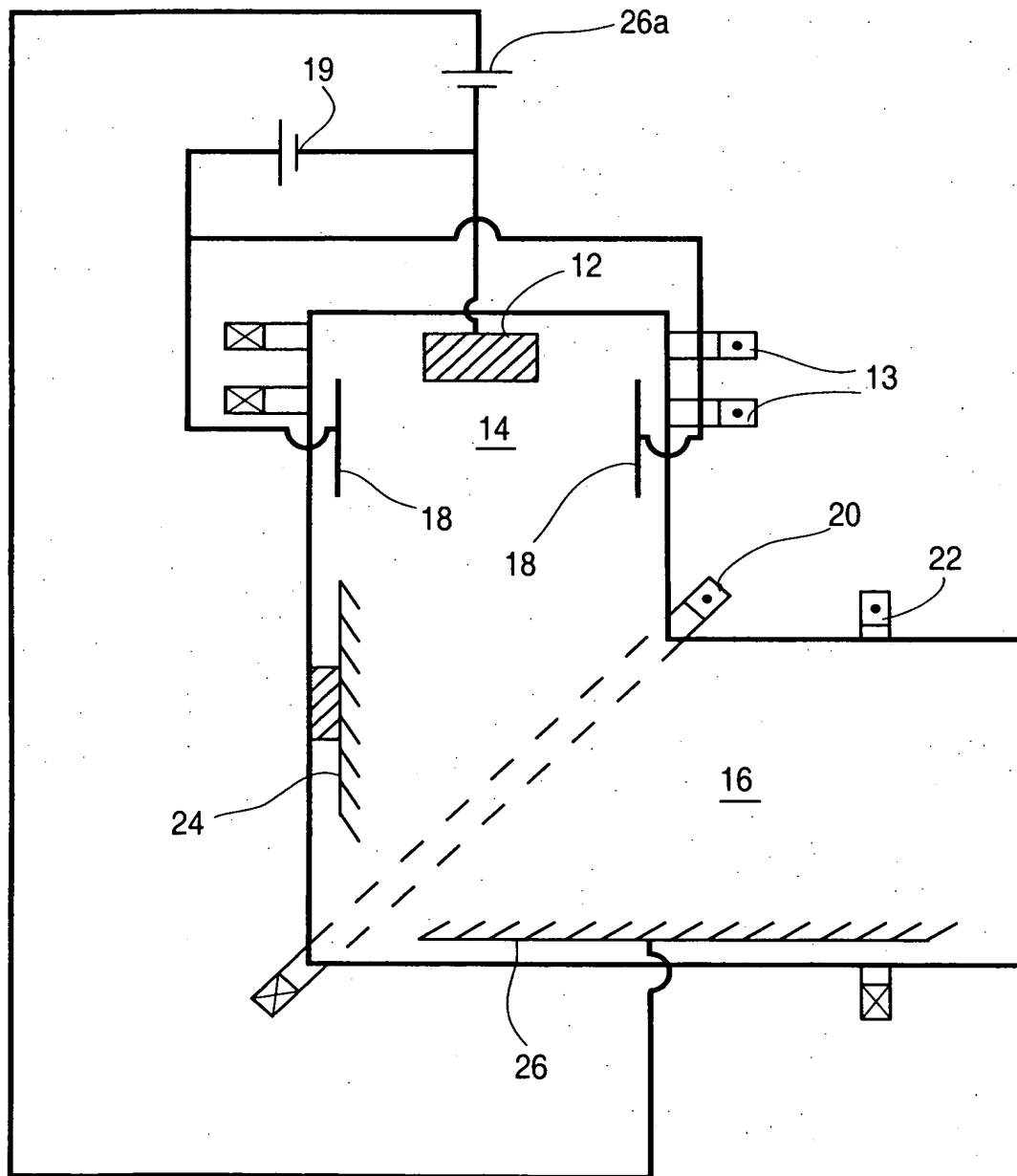


Figure 2

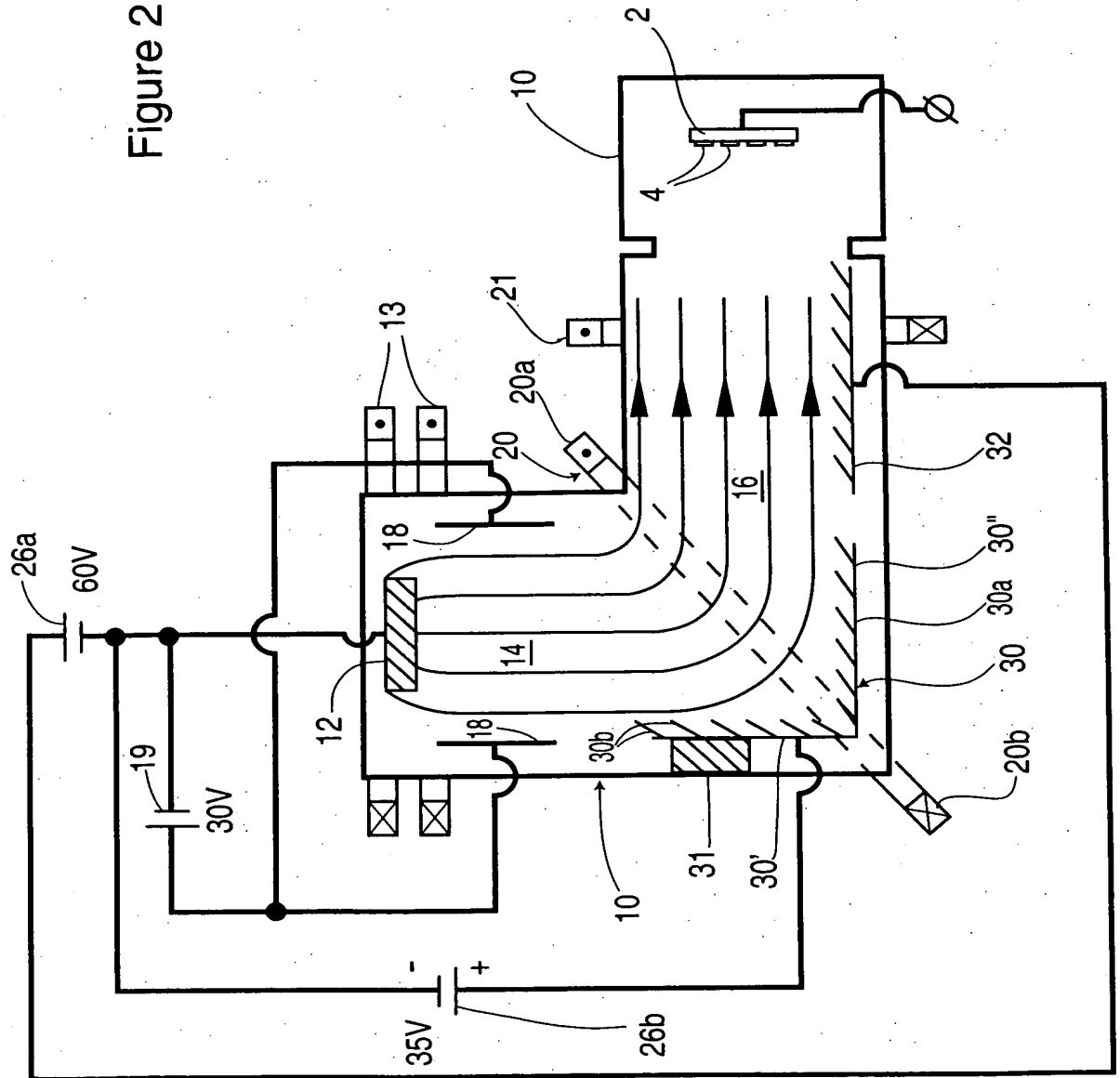


Figure 3a

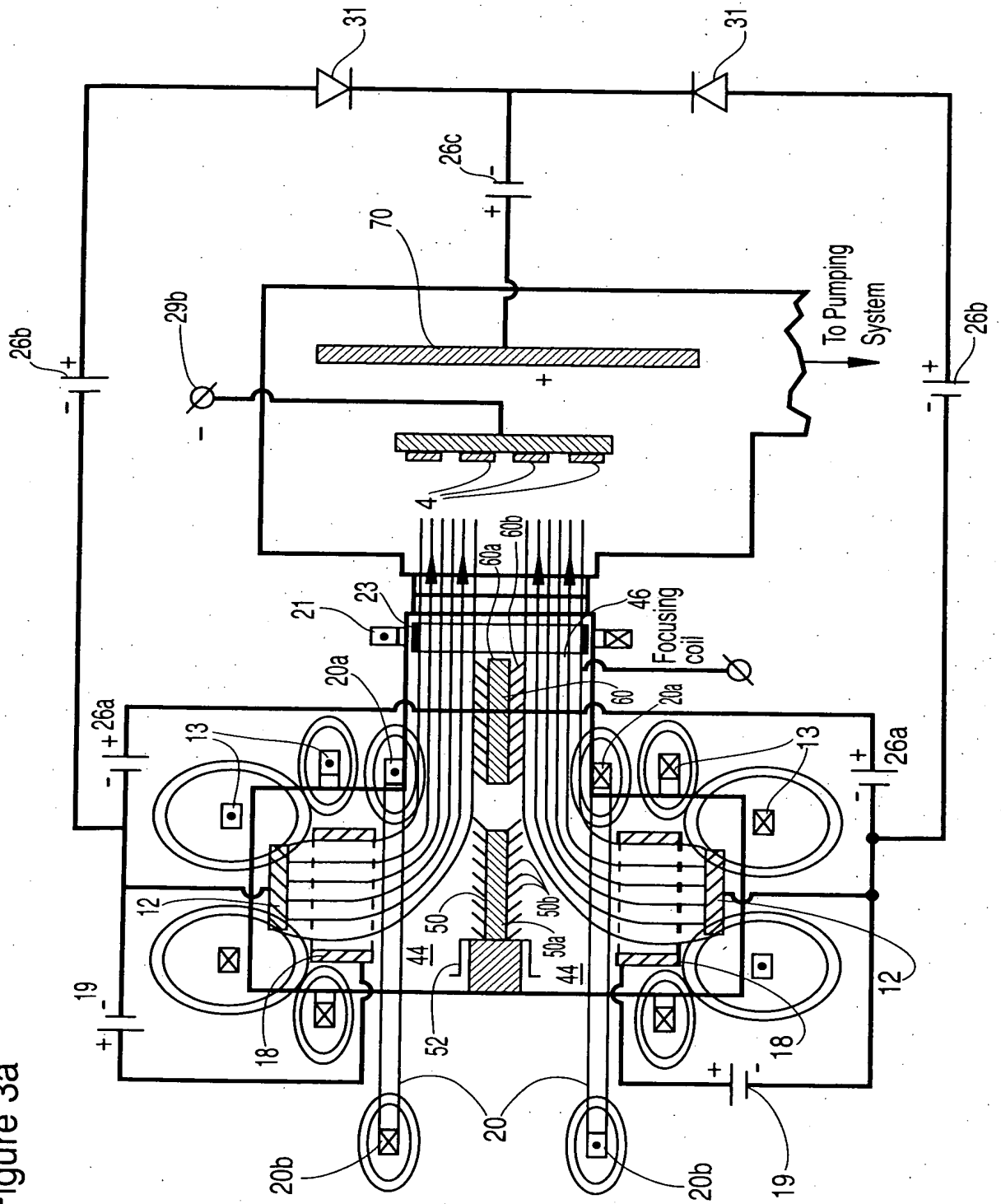


Figure 3b

Large Area Dual Filtered ARC
Coating System Layout

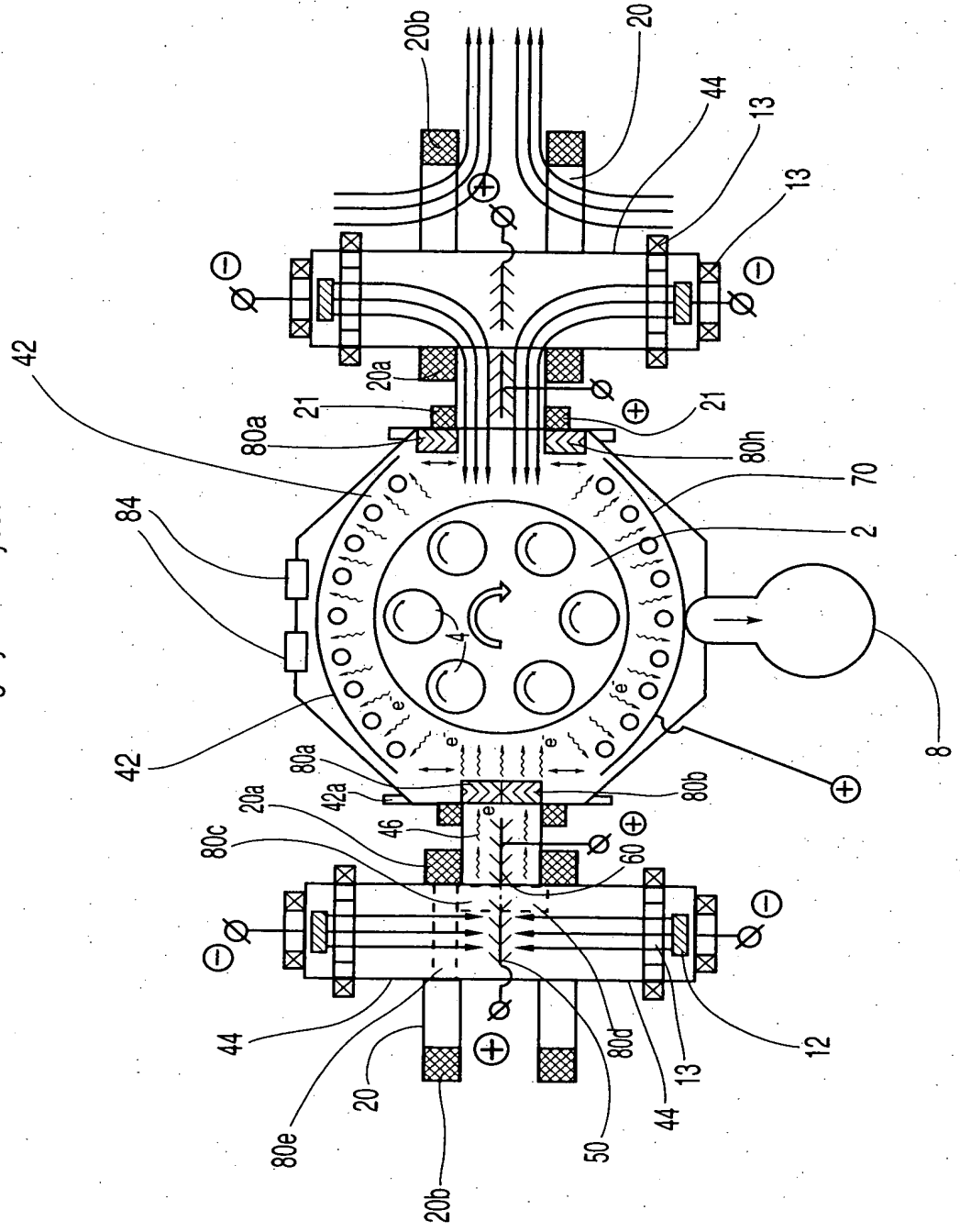


Figure 4

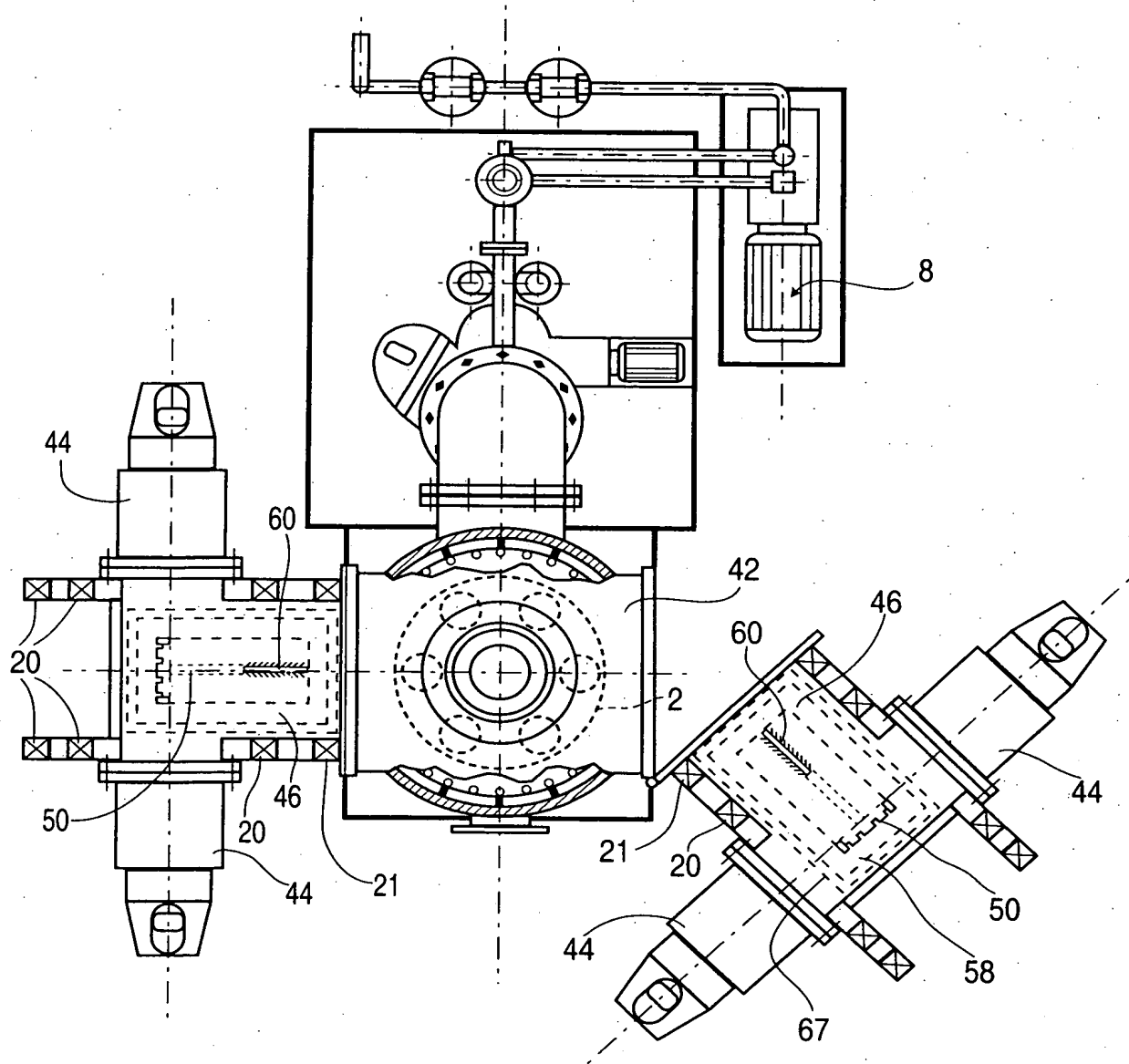


Figure 5a

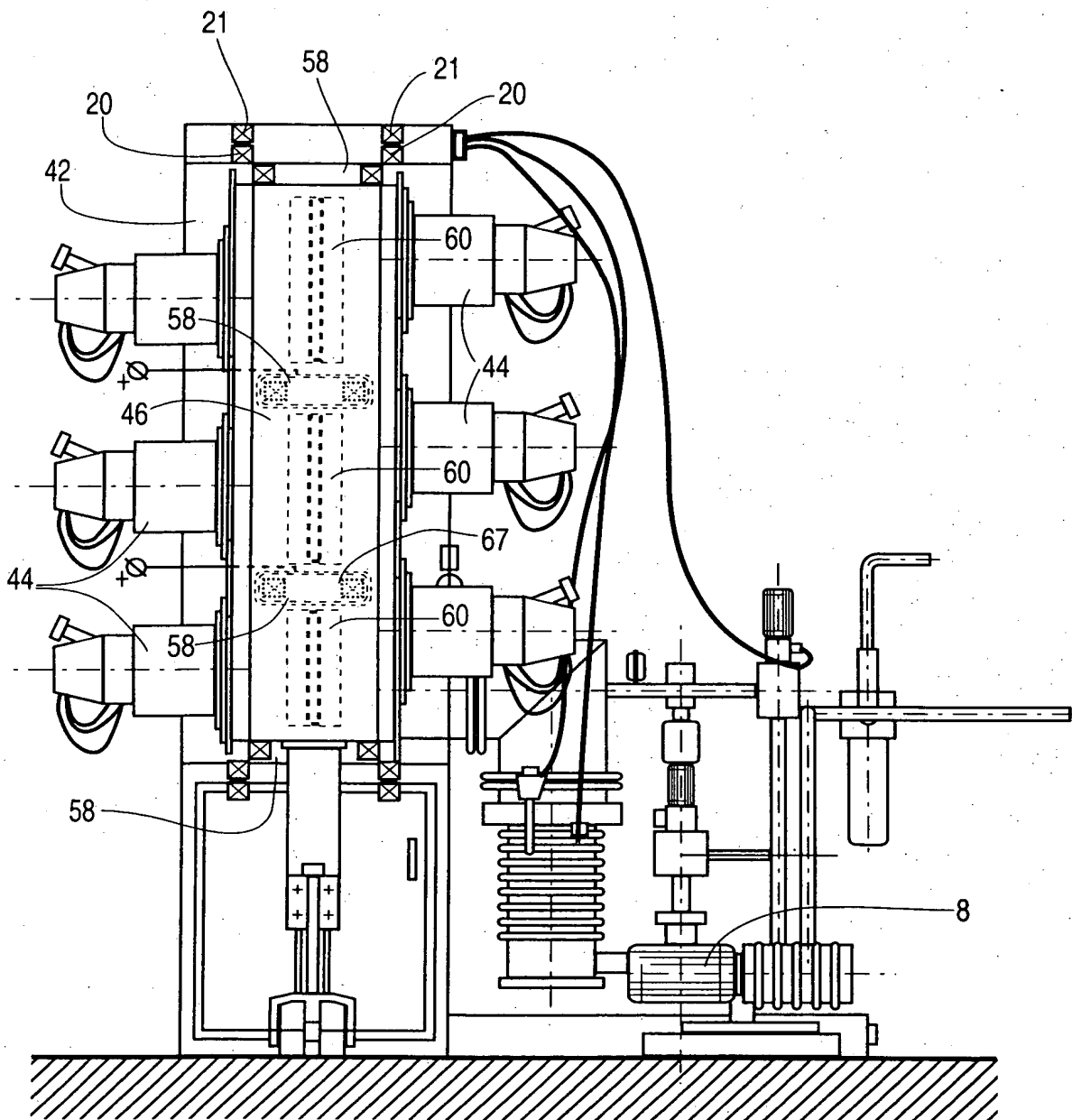


Figure 5b

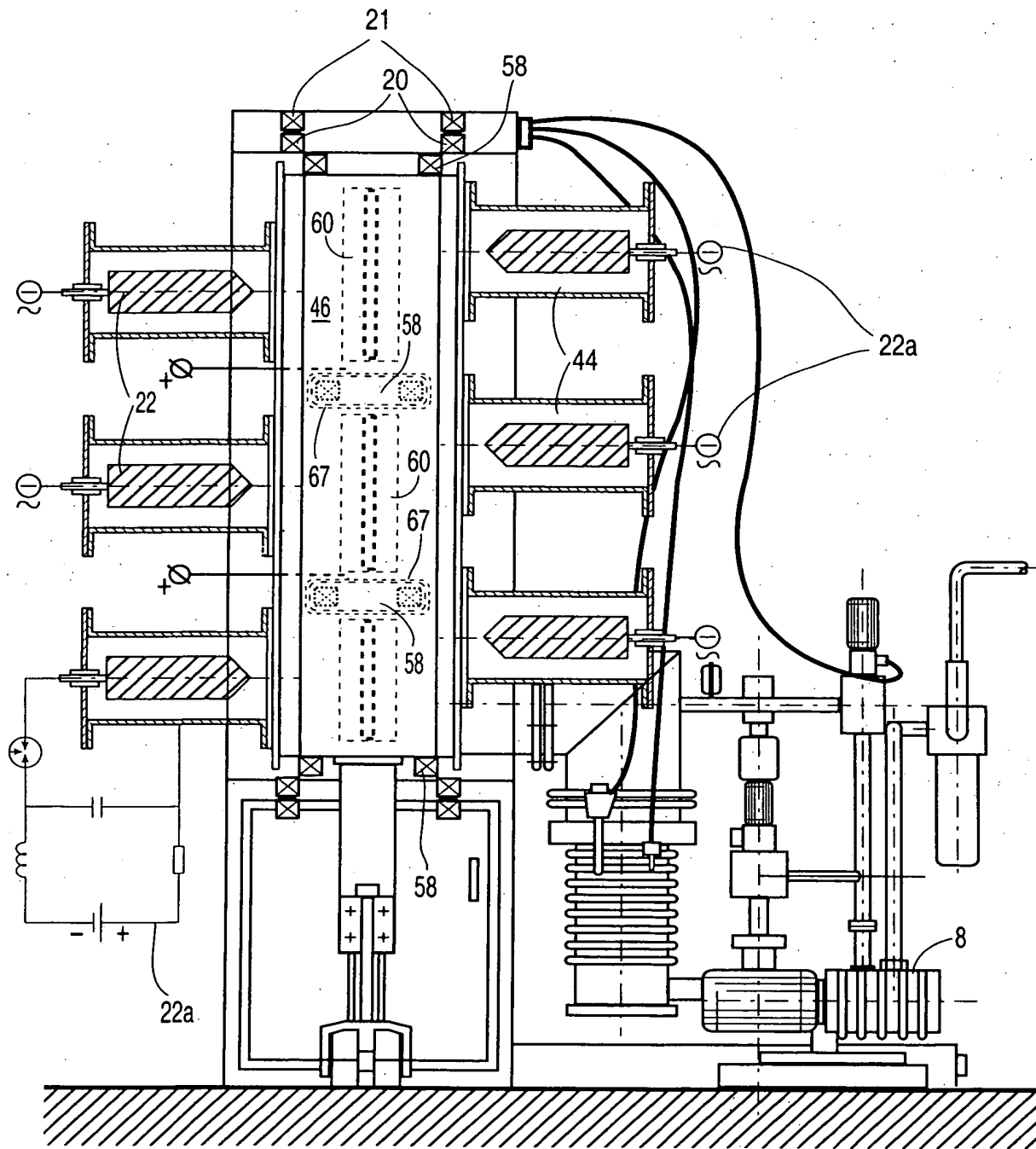


Figure 6

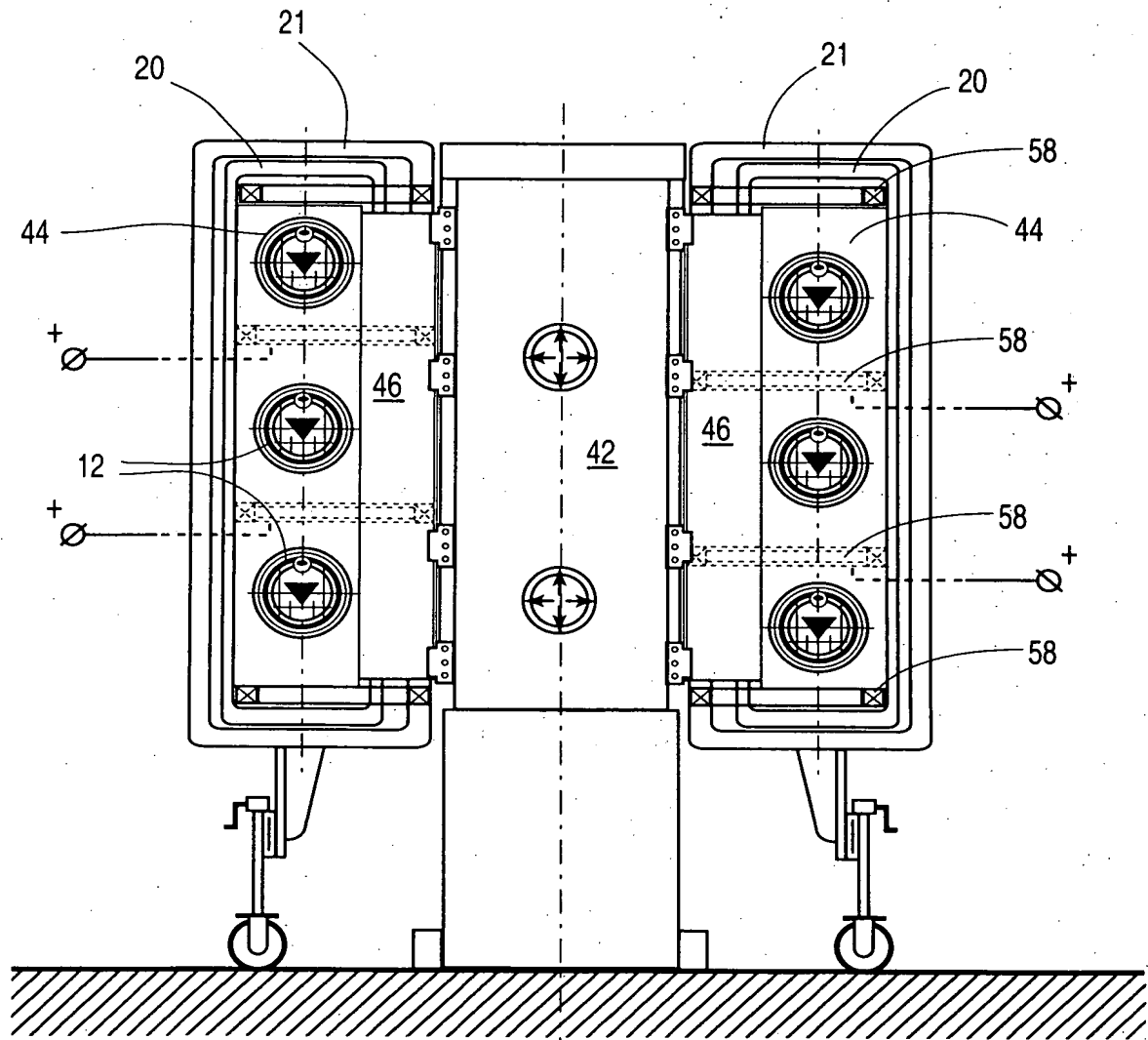


Figure 7

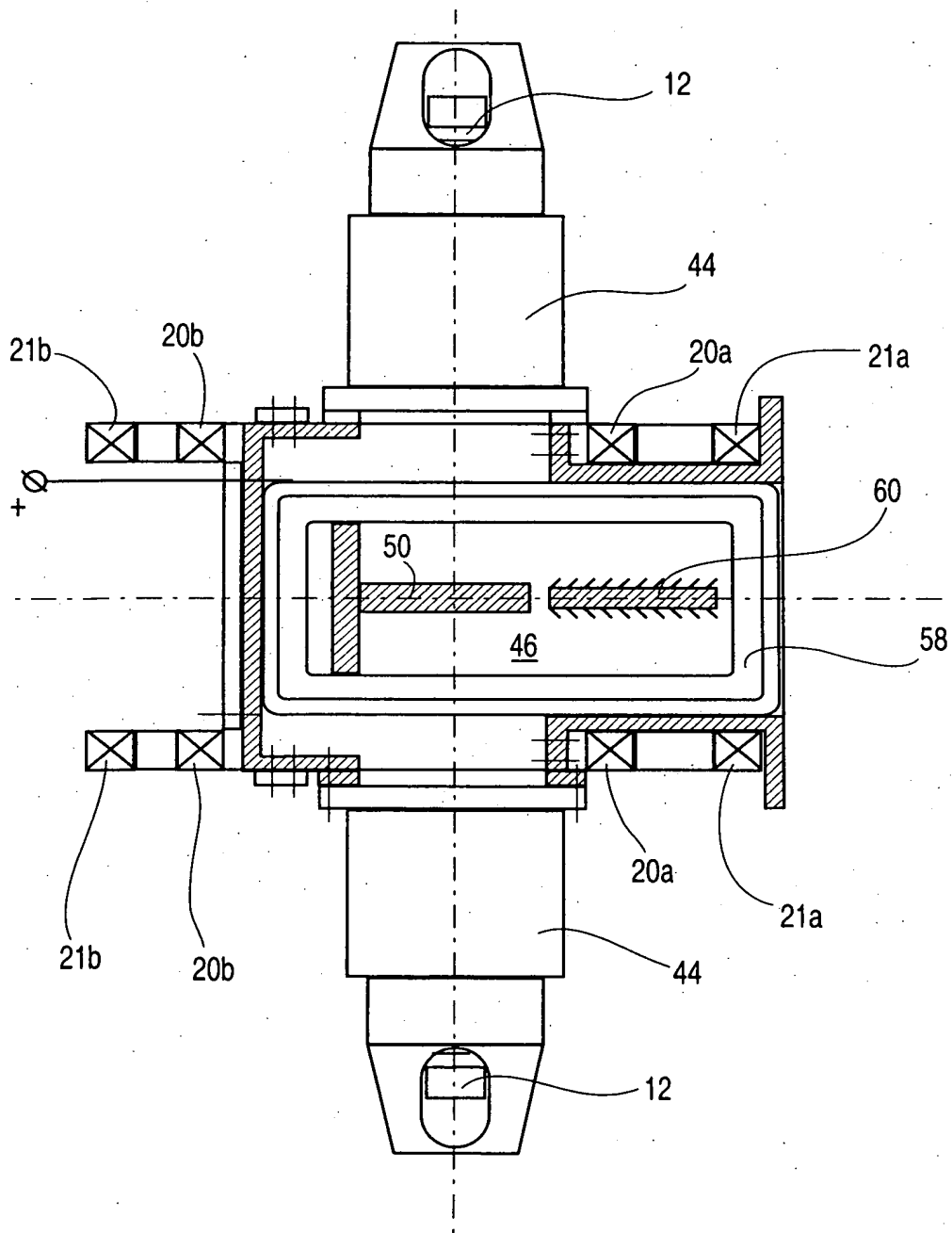
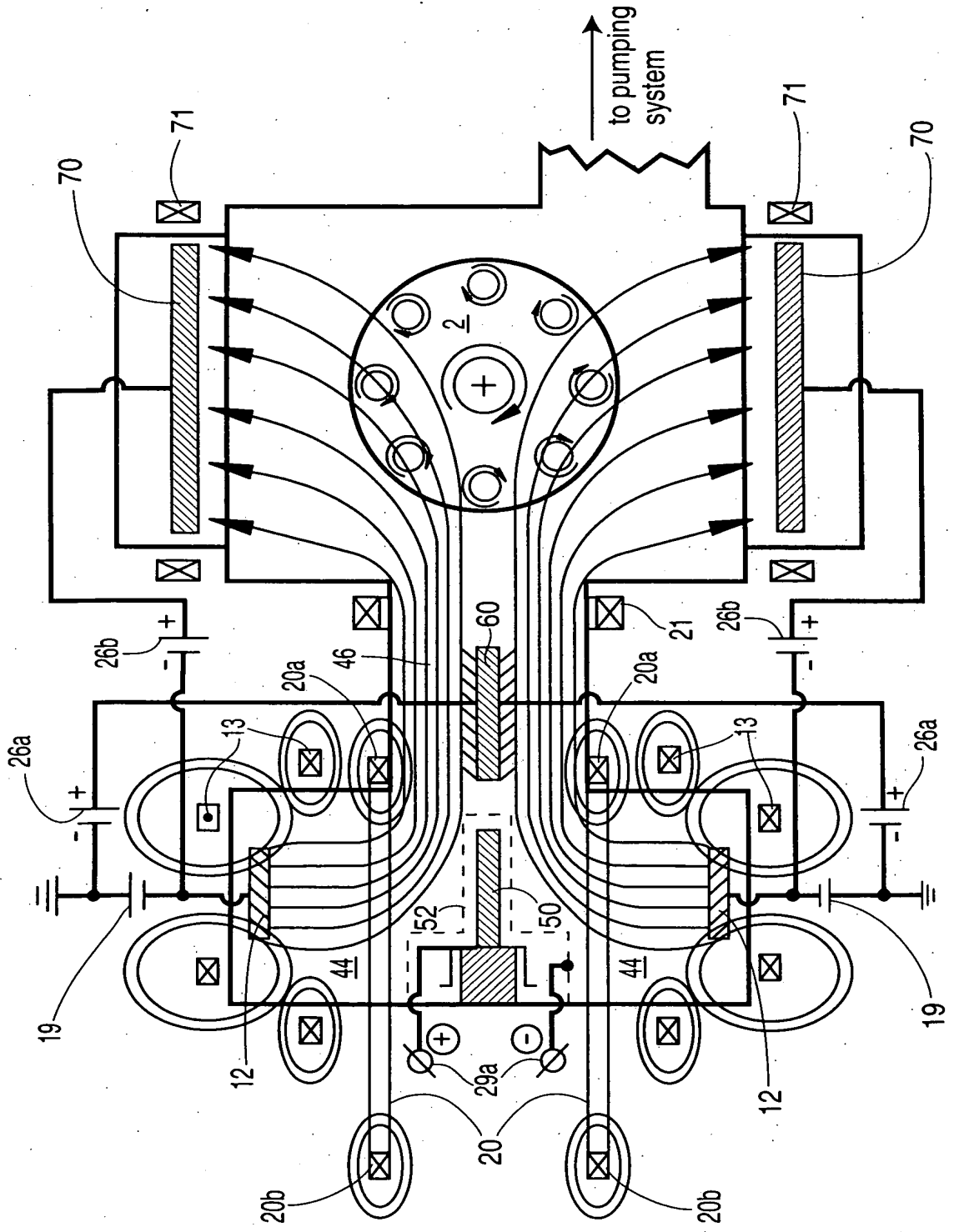


Figure 8a



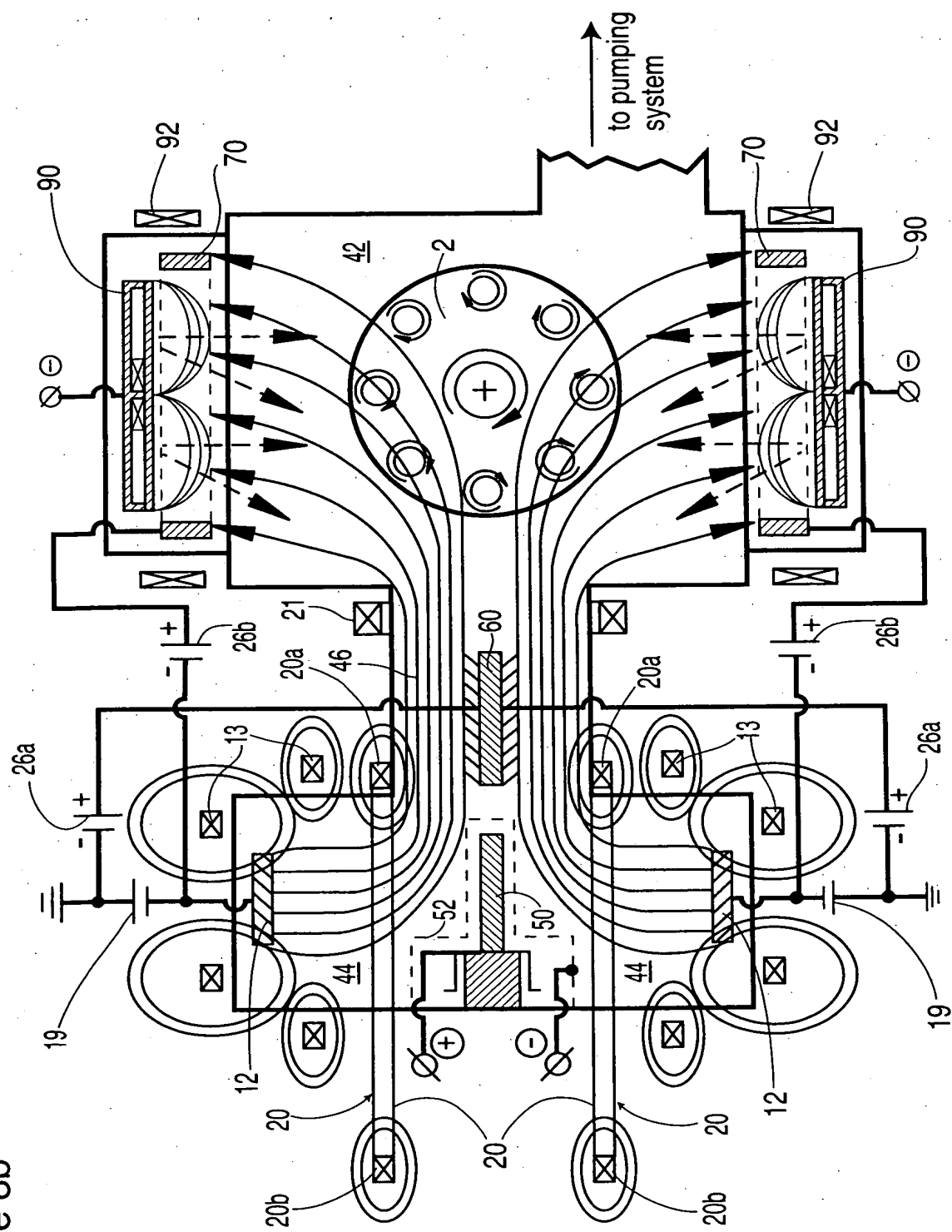




Figure 8d

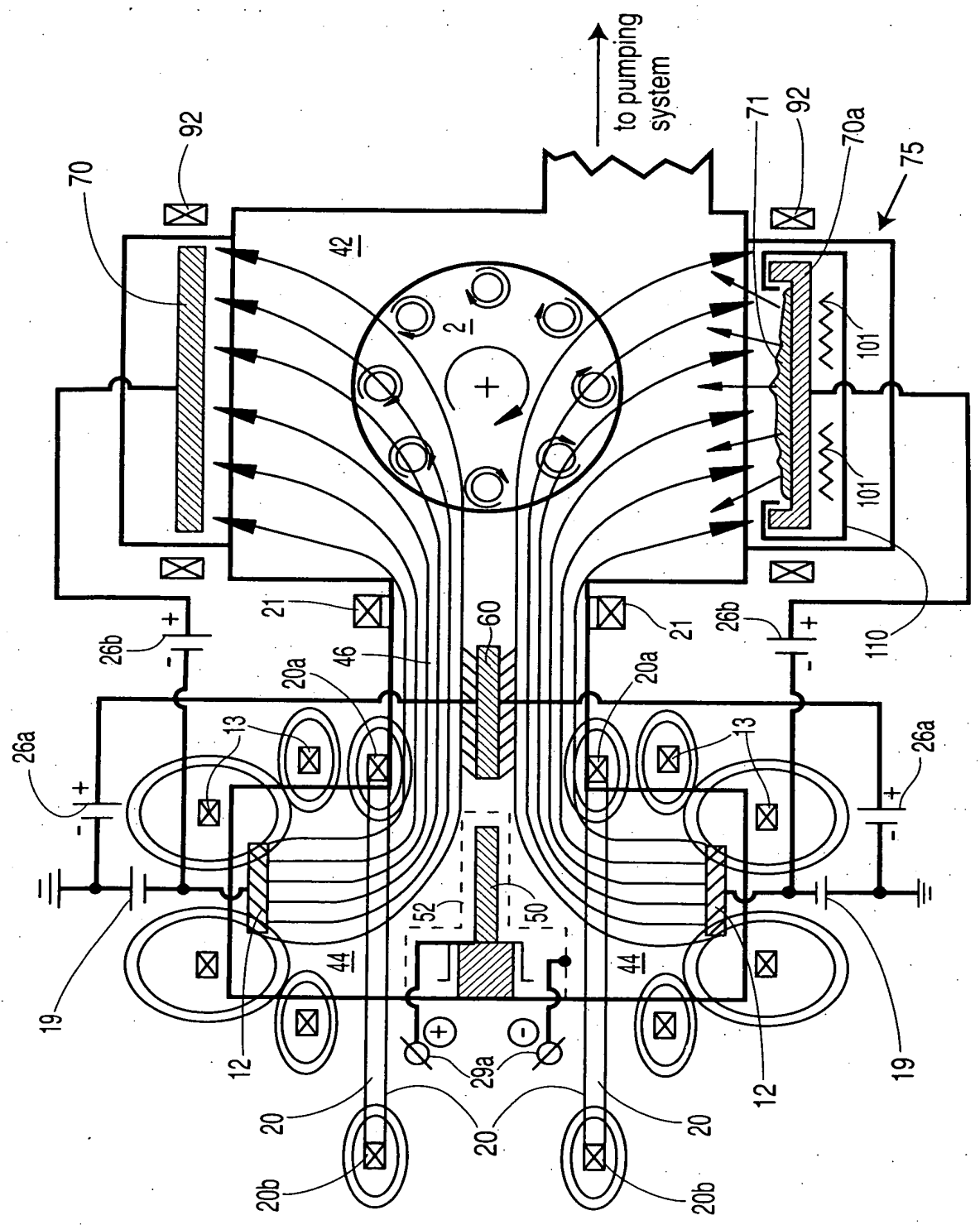


Figure 8e

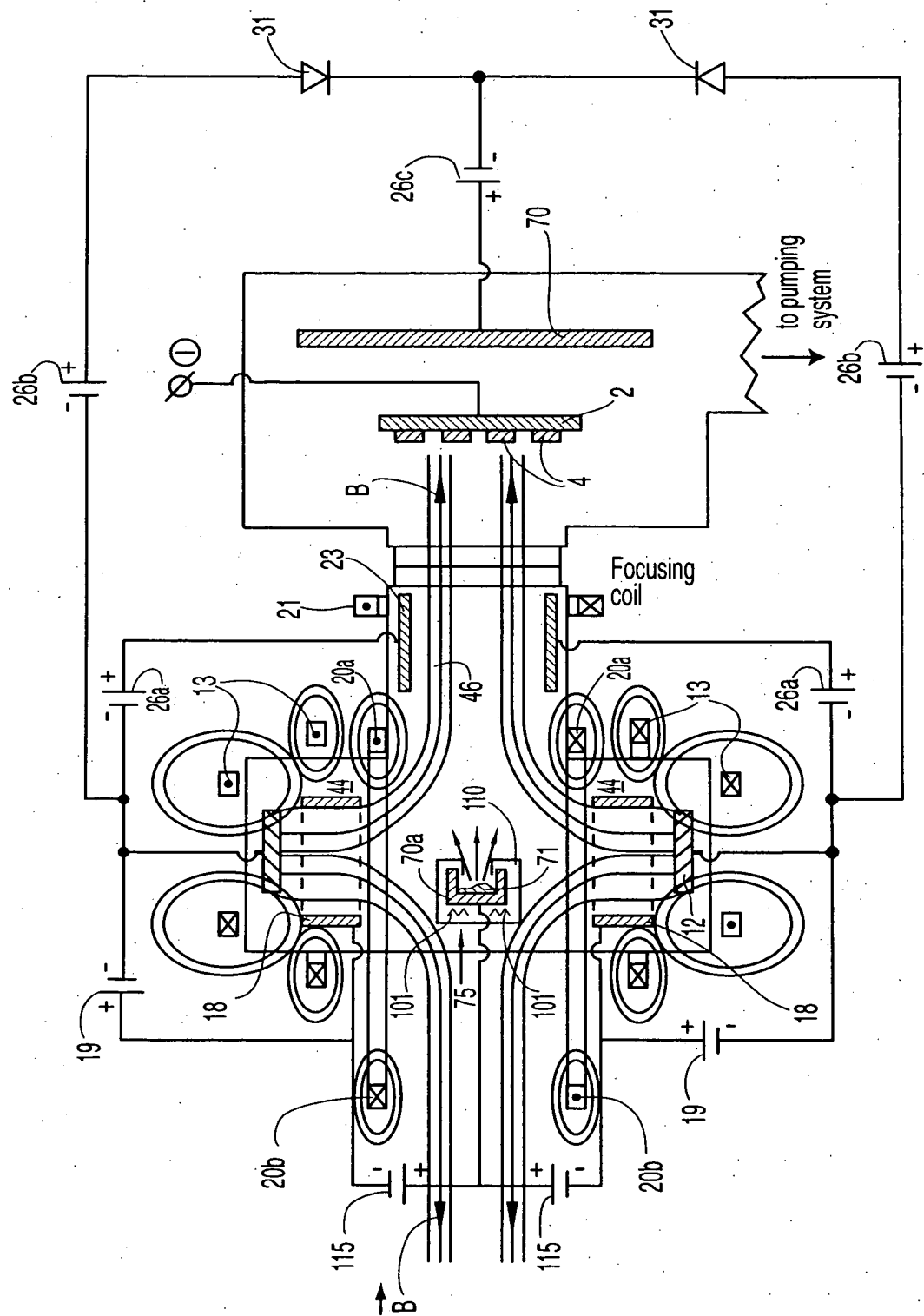


Figure 8f

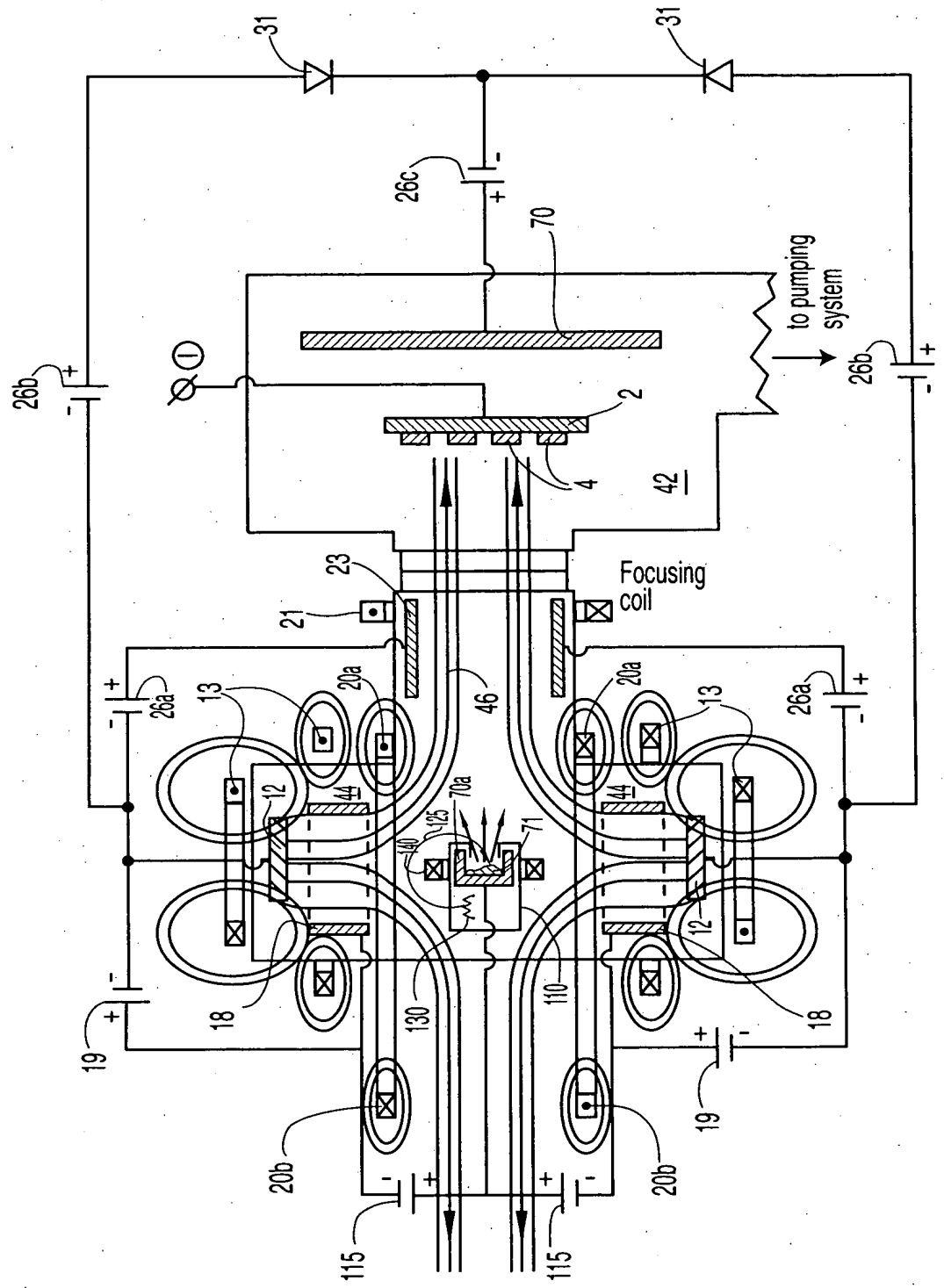


Figure 8g

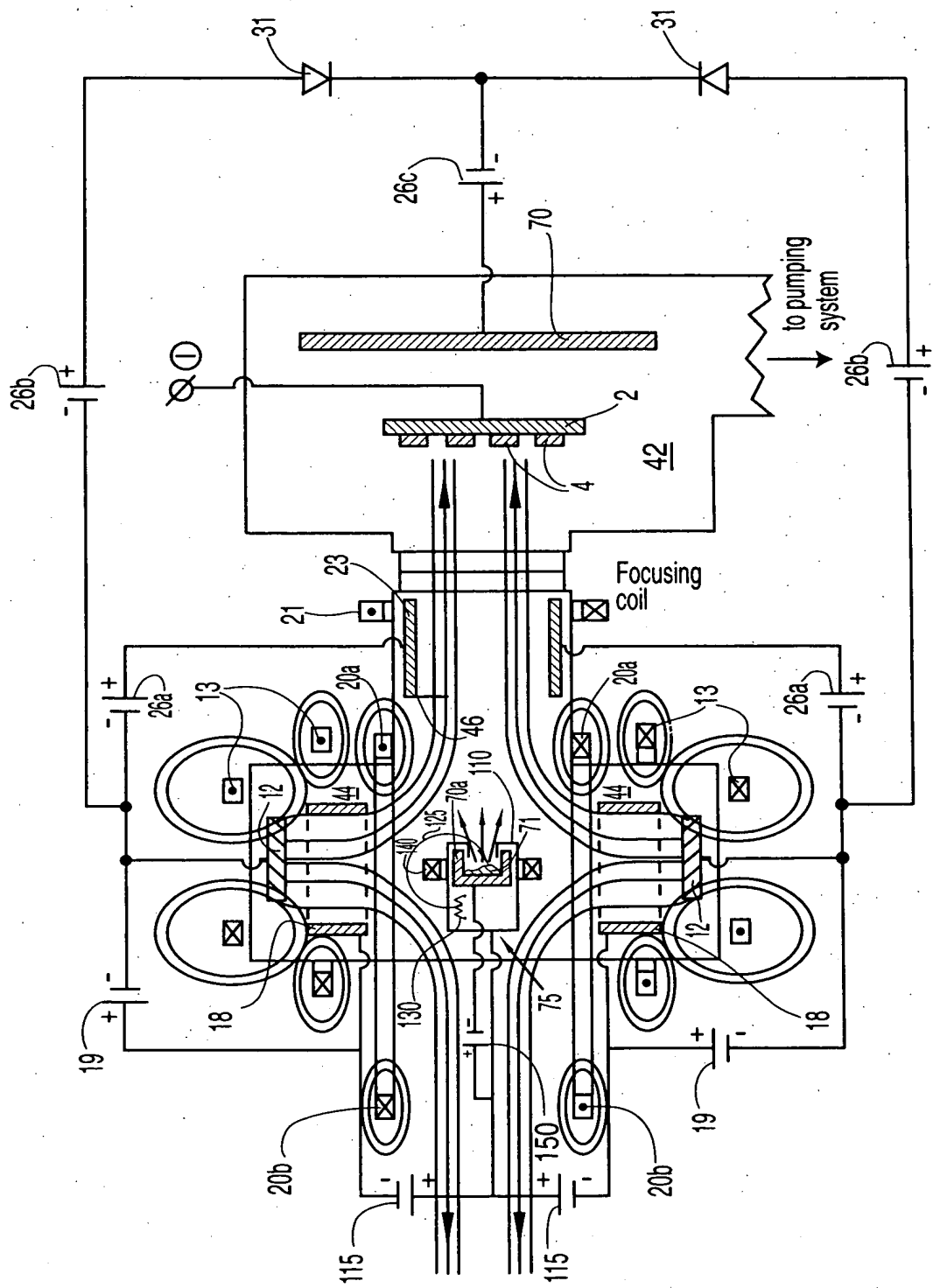


Figure 8h

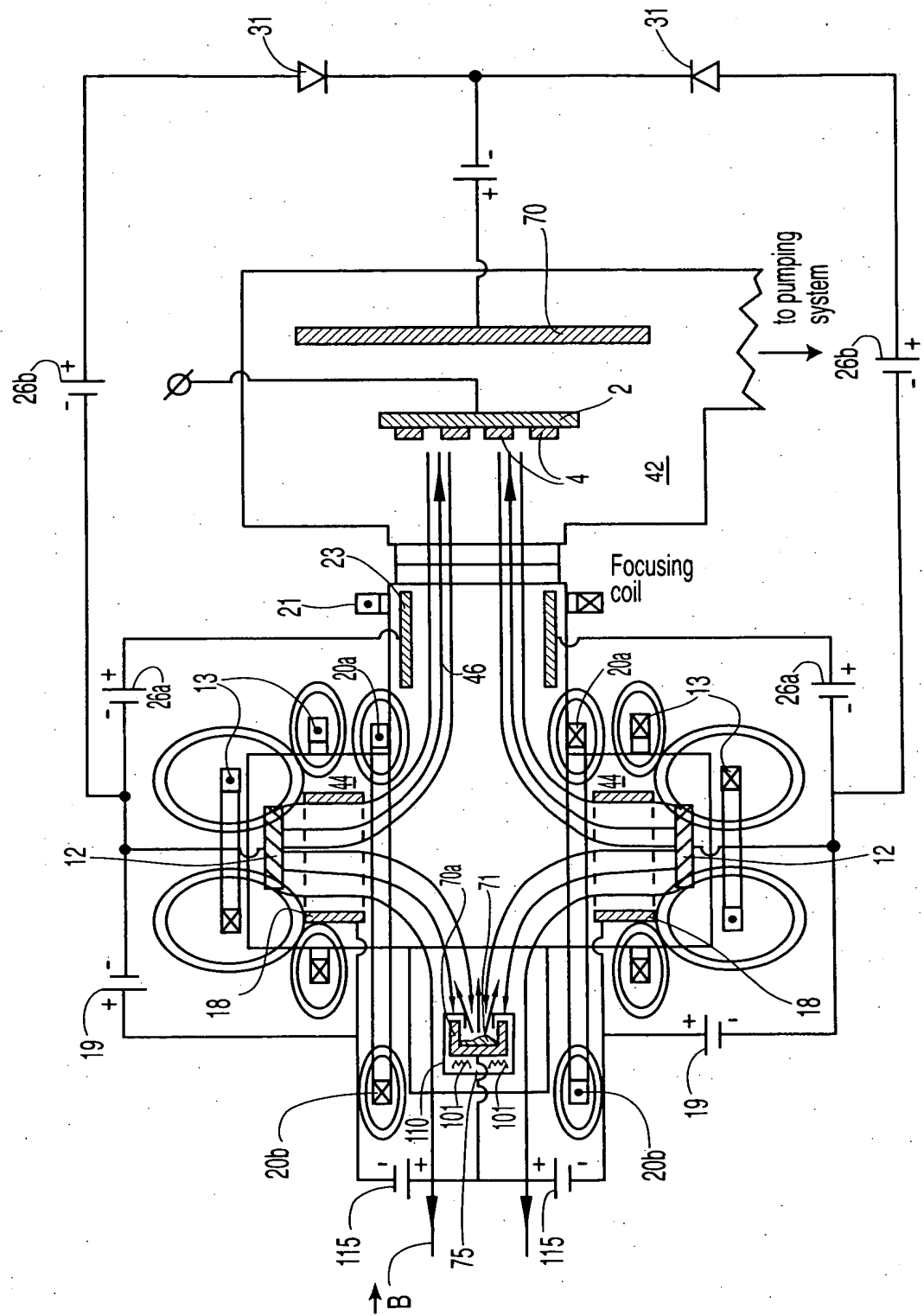


Figure 8 i

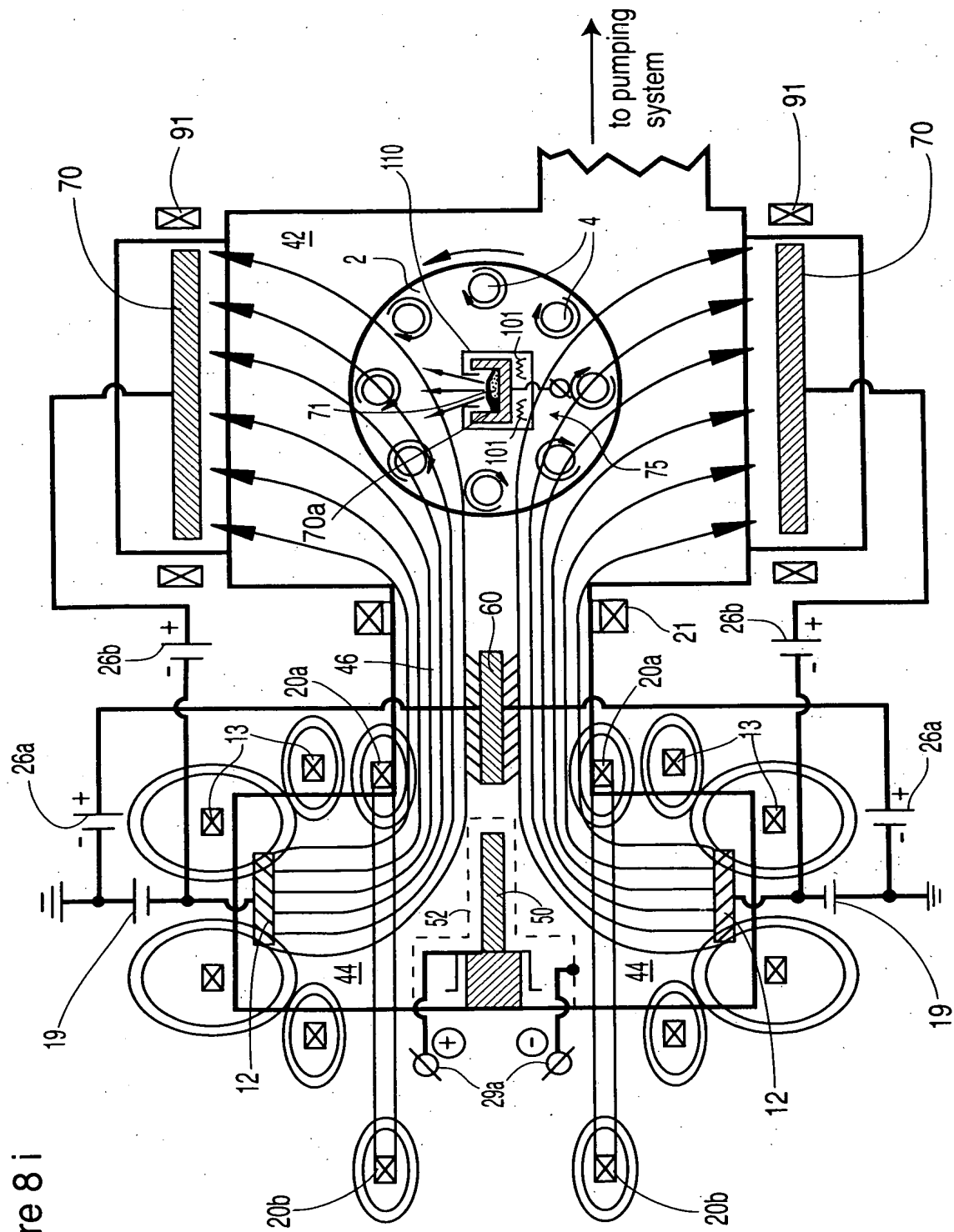


Figure 9

The diagram illustrates a vacuum chamber system. A central chamber (42) contains a substrate (2) with features (4). The chamber is surrounded by a pump-out manifold (12) with multiple ports (13). A diffusion pump (19) is connected to the manifold via a line (26a). The pump is powered by a DC source (19) and a control circuit (26a). The manifold is divided into sections (20a, 20b) by a central partition (50). The pump-out manifold is connected to a pumping system (52) via a line (50). The diagram also shows a backstreaming vapor (12) and a diffusion pump oil vapor (12) being pumped out. The system is labeled with various components: 2, 4, 12, 13, 19, 20a, 20b, 26a, 29a, 29b, 42, 44, 46, 50, 52, 60a, 60b, and 62.

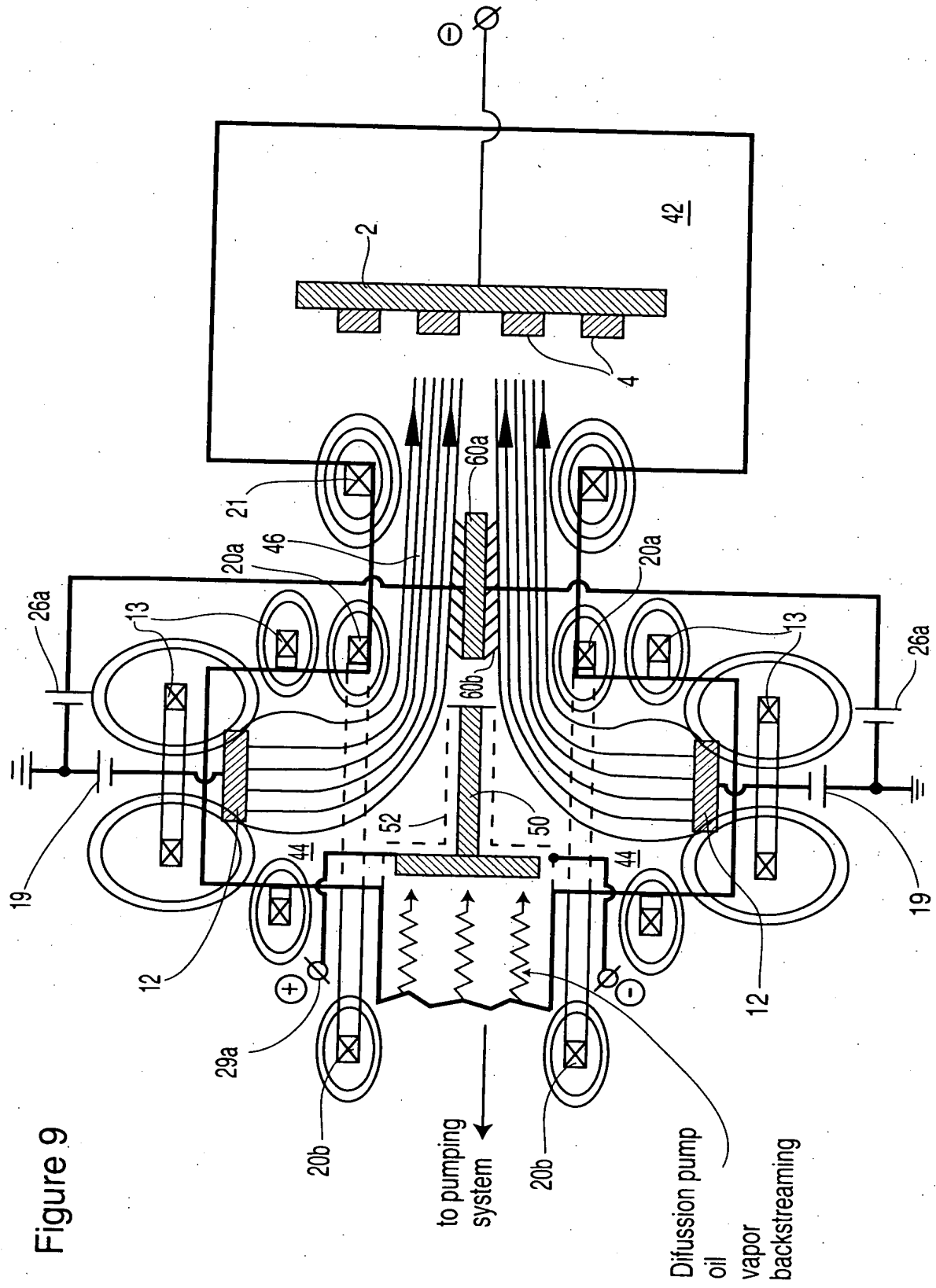


Figure 10

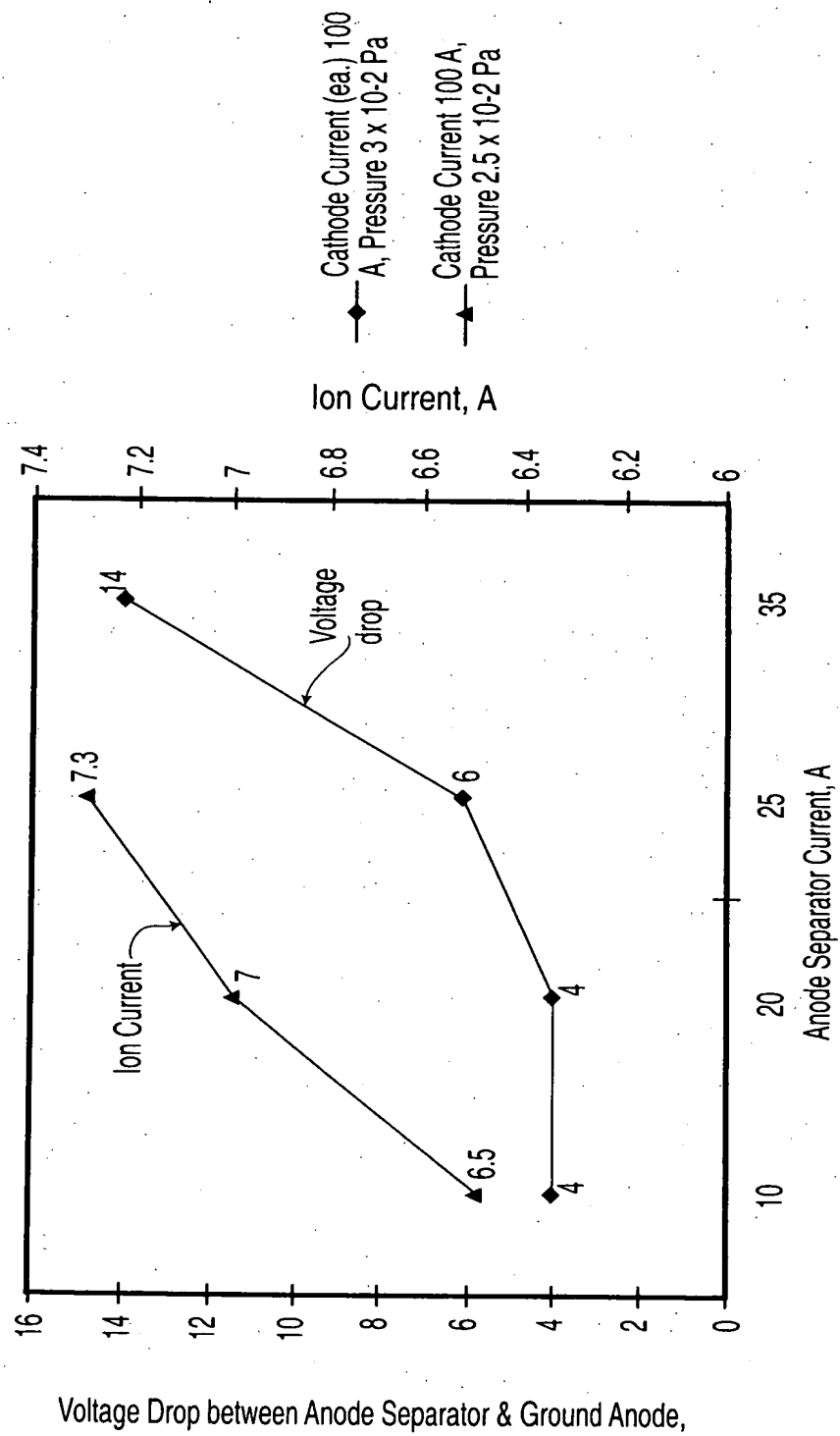


Figure 11

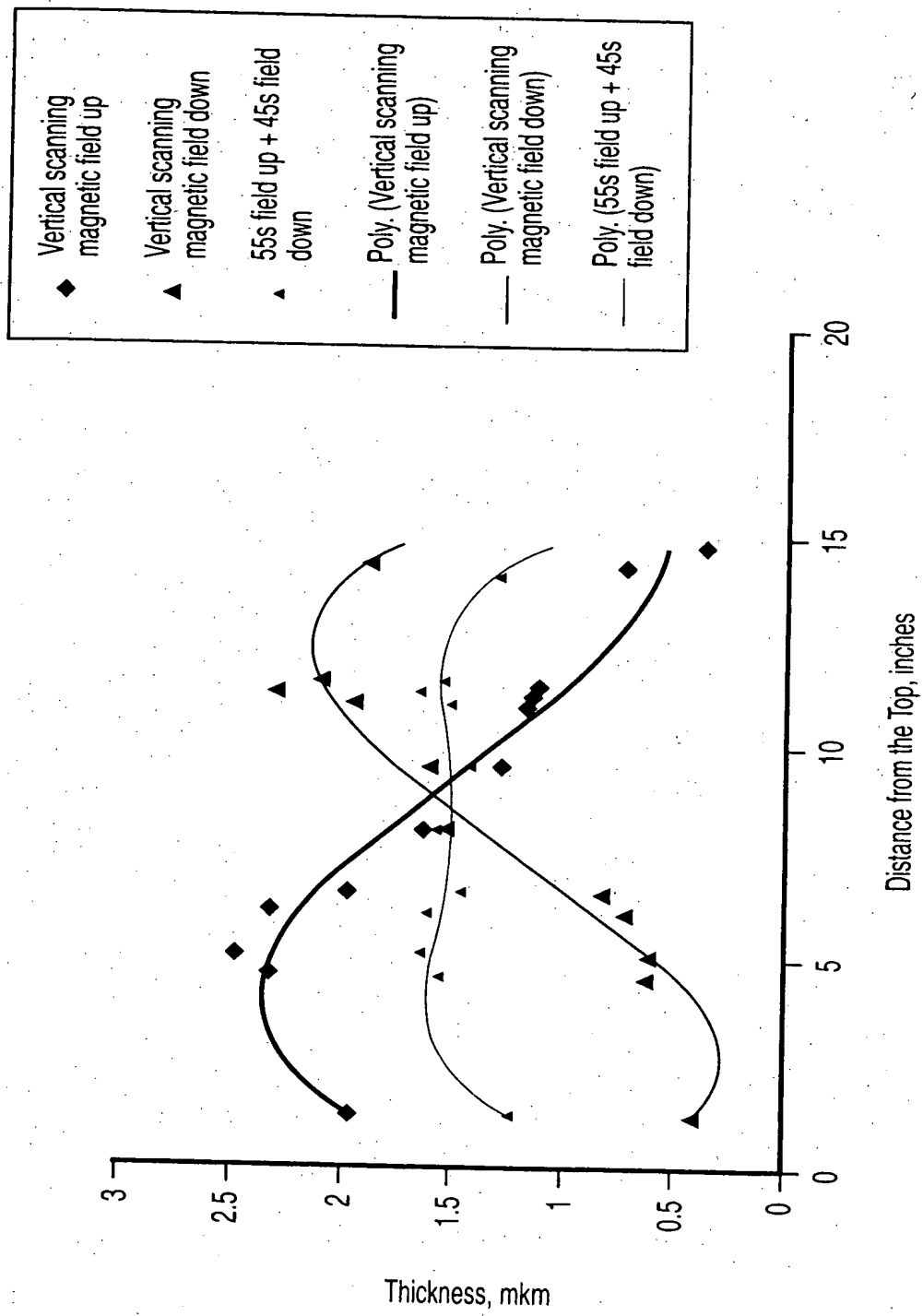


Figure 12

